



**City of New Smyrna Beach
Municipal Airport
124 Industrial Park Avenue • New Smyrna Beach, FL 32168
Phone – 386-424-2199 • Fax – 386-424-2198**

AGENDA

Jan. 18, 2012

NOISE ABATEMENT COMMITTEE AGENDAS AND MINUTES ARE AVAILABLE ON THE CITY WEBSITE AT www.cityofnsb.com .

TO: NOISE ABATEMENT COMMITTEE MEMBERS

Norm Decker, Isleboro	Jim Speer, Inlet Shores, Chairman
Kenneth Petrie, Non-incorporated Resident	Richard Abbott, Sugar Mill
Ken Byrnes, ERAU	Donald Wesolowski, Turnbull Estates
Danny Perna, Epic Aviation	Jeffrey Mitchell, Airport Business Rep.
Edward Charbonneau, Fairgreen	Airport Business-Vacant
Active GA Pilot, Vacant	Impacted Resident, Vacant

This is your official notification of the **Noise Abatement Committee Meeting** to be held in **The City Commission Chambers**, 210 Sams Avenue, New Smyrna Beach, Florida 32168 on **Monday, January 23, 2012 at 6:00pm**

1. Roll Call
2. Approval of Minutes for the July 19, 2011 meeting
3. Update of Part 150 Noise Study
4. Board member comments
5. Public Input
6. Adjournment

NOTE: In accordance with resolution No. 11-89, a three-minute limitation of discussion by each individual on a particular item will be imposed unless otherwise granted by the Noise Abatement Committee Chairman.

Sincerely yours,

Rhonda Walker
Airport Manager

Cc: Mayor & Commission
City Manager's Office
Members of Press
Airport Businesses
Hangar Tenants

AGENDA ITEM SUMMARY

Department Making Request: New Smyrna Beach Municipal Airport

Meeting Date: Noise Abatement Committee Meeting-January 23, 2012 at 6:00pm

Action Item Title: Update on FAR Part 150 Noise Study

Summary Explanation and Background:

The 14 CFR Part 150 Study was conducted in two phases. The first phase developed the Noise Exposure Maps (NEMs) for the Airport. Two NEMs were developed to represent the existing (2009) noise environment, and the future (2014) noise environment. The NEMs were submitted to the FAA for review and acceptance in December 2009. The FAA accepted the NEMs on July 8, 2010.

The second phase, known as the Noise Compatibility Program (NCP), was completed in March 2011. The NCP analyzes abatement, mitigation, and administrative alternatives to address the noise concerns expressed by the local residents. The NCP resulted in 39 different alternatives being reviewed: 29 abatement (operational) alternatives, five mitigation (land use) alternatives, and five administrative alternatives. Of the 39 alternatives reviewed, 24 recommendations are being forwarded for consideration by the City and FAA.

A public hearing was held on April 19, 2011 to allow the public an opportunity to review and comment on the Study process and make recommendations.

The FAR Part 150 Noise Study was approved by the City Commission at their August 9th, 2011, regular meeting. After approval by the City Commission the final draft was forwarded to the FAA for their review and approval of the report. The FAA has 180 days from the date of submittal to review and make comment before it is approved. At this time there have been no comments or response from the FAA.

The following recommendations were approved for submittal to the FAA:

Abatement Recommendations

- Request through the Airport's voluntary noise abatement procedures, that pilots follow limits on days and times for flight training activities.
- Recommend the Airport increases the traffic pattern altitude from 800 Ft. to 1,000 Ft. MSL
- Recommend, in cooperation with ATC, establishing a rotating runway plan in calm wind conditions for Runways 02, 20, 07, 25
- Request that all aircraft follow AIM guidelines and turn crosswind no lower than 300 Ft. below traffic pattern altitude
- Recommend, in cooperation with ATC, the use of left hand traffic patterns for specific runways or all runways during times of low activity
- Request the continuation of a voluntary limit on the number of touch and go operations by a single aircraft to no more than eight
- Recommend the Airport develop educational materials for the community regarding the types of operations being conducted
- Recommend the Airport, through the voluntary noise abatement program, educate pilots on the importance of optimum propeller settings

- Request that pilots climb out at Vx speed, or closely relative speed, while operating at EVB
- Recommend that student pilots continue to climb out at Vy speed until they are proficient enough to us Vx
- Recommend that the Airport, through its voluntary noise abatement procedures, restrict engine maintenance run-ups between 10:00 p.m. and 8:00 a.m.
- Recommend the Airport install noise abatement reminder signs at the ends of each runway to create better pilot awareness
- Request that pilots follow NBAA recommended noise abatement procedures (Jet Powered Aircraft)
- Request that pilots follow AOPA recommended noise abatement procedures (Piston Powered Aircraft)
- Recommend that the Airport continues to publish maps that identify noise sensitive areas around the airport

Mitigation Recommendations

- Recommend the Airport continue to rely on the City of New Smyrna Beach overlay zoning codes for land use compatibility around the airport by providing updated noise contours from FAA-approved NCP and by participating in City meetings related to development of updated overlay zones
- Recommend that additional overlay be further explored with local government that would provide for notification with the 50 db DNL contour
- Recommend that Airport staff work with the City of New Smyrna Beach to ensure existing building codes associated with the overlay zones remain in place, and work with the City to facilitate the building codes to broader areas around the airport.

Administrative Recommendations

- Recommend that the Airport Manager manage the implementation of the NCP
- Recommend that the Airport continues accepting noise complaints via phone, email, and dedicated Airport Comment form
- Recommend the Airport update their webpage on noise abatement, and be accessed from the main Airport webpage providing the public with a more comprehensive site regarding noise abatement programs at EVB
- Recommend that the Airport continue with the Noise Abatement Committee to discuss current issues regarding noise abatement programs as well as discuss implementation progress of the recommendations from this Study
- Recommend the Airport purchases a flight track monitoring system to aid in the research of noise concerns for both airport personnel and citizens
- Recommend Airport staff continue to routinely examine the operating characteristics of EVB to determine if significant changes have occurred that would require an update to the NEMs

A complete FAR Part 150 Noise Study can be viewed on line at www.cityofnsb.com and enter the Airport page and click on the quick link.

Reviewed By:	Name	Signature
Airport Manager	Rhonda Walker	